Index of Claims

| | | | trol | |
|--|--|--|------|--|
| | | | | |
| | | | | |
| | | | | |

10/037,836

Examiner

Date

Juan A. Torres

Applicant(s)/Patent under Reexamination

SHIMIZU, MASATSUGU

Art Unit

2631

Rejected Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected N Interference

Appeal Α 0 Objected

| | | | | | | | | | | | | | | | | - | | |
|--|----------|--------------|--|----------------|----------|----------|--|--|----------|---|----|--|----------|-----------------|--------|----------|----------|---|
| Cla | im | Date | | | | | | | | Cla | im | | | | Σa | | | |
| Final | Original | 10/25/05 | | | | | | | | | | Final | Original | | , | | | |
| | 1 | 1 | | | 1 | - | t | | | Ι | 1 | | 51 | | | | | Γ |
| | 2 | = | | | | | | | Г | | 1 | | 52 | | | | | Γ |
| | 3 | = | | | | | | | | |] | | 53 | | | | | Γ |
| | 4 | = | | | | | | | | | | | 54 | | | | | |
| | 5 | 1 | | | | | | | | | | | 55 | | | | | |
| | 6 | + | | | | | | | | _ |] | | 56 | | | | | L |
| <u></u> | 7 | 1 | | _ | <u> </u> | | $oxed{oxed}$ | ldash | _ | $ldsymbol{ld}}}}}}$ | Į | | 57 | Ш | | | | L |
| <u> </u> | 8 · | = | | | _ | | <u> </u> | L | _ | L | l | | 58 | Щ | | | | L |
| | 9 | = | ļ | ļ | ļ | _ | <u> </u> | _ | _ | Щ | | <u> </u> | 59 | | | \Box | | L |
| <u> </u> | 10 | 1 | _ | | ₩ | _ | _ | \vdash | _ | _ | l | | 60 | Н | | | | ┞ |
| - | 11 | + | | | - | | - | - | _ | <u> </u> | | | 61 | \vdash | | | | ┞ |
| <u> </u> | 12 13 | = | - | | - | | <u> </u> | \vdash | <u> </u> | <u> </u> | | <u></u> | 62 63 | | | | | ⊦ |
| | 14 | = | | | - | - | ⊢ | ├ | \vdash | ┝ | 1 | <u> </u> | 64 | \vdash | - | - | | ⊦ |
| \vdash | 15 | = | - | | - | | ┝ | - | ┢ | ├ | l | | 65 | | _ | | _ | ┝ |
| | 16 | = | \vdash | | ┢ | - | | ┝ | - | | | | 66 | \vdash | | | | H |
| H | 17 | 1 | | | 1 | | | _ | ┢ | H | 1 | _ | 67 | H | - | - | | H |
| | 18 | + | | | \vdash | | | \vdash | \vdash | Н | l | | 68 | \vdash | \neg | | _ | H |
| <u> </u> | 19 | = | \vdash | | T | | | \vdash | _ | ┢ | ĺ | | 69 | | | | - | H |
| | 20 | = | | | | | \vdash | <u> </u> | | | ĺ | | 70 | Н | | | | r |
| | 21 | = | | | | | | T | | Г | 1 | | 71 | | | | | T |
| | 22 | = | | | | | | | Т | Г | ĺ | | 72 | П | | | | Γ |
| | 23 | = | | | | П | | Г | | | 1 | | 73 | П | | | | Γ |
| | 24 | 1 | Г | | | | | | | | 1 | | 74 | | | | | Γ |
| | 25 | + | | | | | | | | |] | | 75 | | | | | |
| | 26 | | 匚 | | | | L. | $ldsymbol{ld}}}}}}$ | | | | | 76 | | | | | L |
| | 27 | | _ | | | _ | | 匚 | L_ | _ | | | 77 | Ц | | | | L |
| | 28 | | _ | L | | <u> </u> | <u> </u> | _ | <u> </u> | _ | | | 78 | Ш | | | | L |
| <u></u> | 29 | | | _ | _ | _ | | | _ | L | 1 | | 79 | Ш | | | | L |
| | 30 | _ | | | ├ | <u> </u> | ⊢ | | L | _ | - | | 80 | Н | | | | ┡ |
| - | 31 32 | | - | <u> </u> | | | | _ | _ | | | | 81 82 | \vdash | _ | | _ | ╀ |
| - | 33 | <u> </u> | | | | ├ | — | \vdash | ⊢ | ┝ | ł | | 83 | \vdash | | | | ╀ |
| \vdash | 34 | - | | — | ŀ÷ | \vdash | ⊢ | ⊢ | ⊢ | ⊢ | ł | | 84 | \vdash | | _ | | ╁ |
| - | 35 | - | - | \vdash | ╁ | ┢ | ┢ | - | ├ | - | 1 | | 85 | \vdash | | | | H |
| <u> </u> | 36 | - | \vdash | ┢ | \vdash | \vdash | \vdash | ┢ | \vdash | - | 1 | | 86 | \vdash | | | | ۲ |
| | 37 | ╁ | \vdash | \vdash | \vdash | \vdash | <u> </u> | ┢ | ┝ | \vdash | 1 | | 87 | H | | | | H |
| | 38 | | \vdash | | Т | \vdash | Ι- | _ | \vdash | H | 1 | | 88 | \Box | | | - | t |
| | 39 | T | Г | Г | \vdash | 1 | | | Ι_ | | 1 | | 89 | $ \neg $ | | | | T |
| | 40 | | - | | | | | | | | 1 | | 90 | П | | | | T |
| | 41 | | | | | | Г | | | |] | | 91 | | | | | Γ |
| | 42 | | | | | | | | | |] | | 92 | | | | | Γ |
| | 43 | | 匚 | | 匚 | | | 匚 | 匚 | 匚 | | | 93 | Ш | | | | Ĺ |
| <u> </u> | 44 | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | L | _ | <u> </u> | | 1 | <u></u> | 94 | Щ | | · | | L |
| L | 45 | <u> </u> | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | <u> </u> | <u> </u> | <u> </u> | oxdot | <u> </u> | <u> </u> | <u> </u> | Į | ļ | 95 | Щ | | L | L | L |
| <u> </u> | 46 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ⊢ | <u> </u> | 1 | | 96 | \sqcup | _ | _ | | L |
| <u> </u> | 47 | - | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ⊢ | <u> </u> | <u> </u> | _ | Į | <u> </u> | 97 | \sqcup | | <u> </u> | _ | L |
| ļ | 48 | <u> </u> | <u> </u> | \vdash | <u> </u> | \vdash | ├ | | ├ | | ł | | 98 | $\vdash \vdash$ | | _ | | 1 |
| <u> </u> | 49 | H | ⊢ | \vdash | \vdash | ⊢ | ├ | | ├ | - | 1 | | 99 | $\vdash \vdash$ | _ | \vdash | \vdash | ╀ |
| | 50 | Щ | Щ | | | | Ц_ | Ц. | Ц | L | J | ш | 100 | Ш | | | | L |

| | Olaiiii | | | | | | Jan | _ | _ | _ | |
|---|----------|----------|----------|--|----------|----------|----------|--|----------|----------|----------|
| | Final | Original | | , | | | | | | | |
| | | 51 | _ | | | | | | _ | | |
| | | 52 | _ | _ | | _ | | | | | |
| | | 53 | _ | \vdash | _ | _ | | | | | - |
| | | 53 | | _ | _ | | _ | _ | | | - |
| - | | 54 | _ | <u> </u> | _ | _ | | | | | |
| | | 55 | | _ | | | | | | | |
| | | 56 57 | | | | | Щ | | | | |
| | | 57 | | | | | | | | | |
| | | 58 | | | | | | | | | |
| į | | 59 | | | | | | | | | |
| | | 60 | | | | | | | | | |
| | | 61 | | | | | | | | | |
| | | 62 | | | | | | | | | |
| | | 62 63 | | | | | _ | | | | |
| | | 64 | | | \vdash | | | _ | М | | |
| | | 65 | | | | | | | | _ | |
| | | 66 | | | - | - | _ | Н | | | |
| | | 67 | - | - | - | | | _ | | | |
| | | 67 68 | \vdash | \vdash | | _ | \vdash | | | | |
| | - | 69 | | | | | | - | | | |
| | - | 70 | _ | - | | | | _ | | | _ |
| | | 70 71 | | - | _ | | _ | _ | _ | | |
| | | 71 | | L | | | | | | _ | |
| | | 72 | _ | <u> </u> | | _ | | - | _ | | |
| | | 73 74 | _ | L. | | | | | | | |
| | | /4 | _ | | | Ш | _ | | | | |
| | | 75 | | <u> </u> | | _ | _ | | | | |
| | | 76 | | | | | | _ | | | |
| | | 77 | _ | _ | | | | _ | | | |
| | | 78 79 | | | | | | | | | |
| | | 79 | | | | | | Ц | | | |
| | | 80 | | | | | | | | | |
| | | 81 | | | | | | | | | |
| | | 81 82 | | | | | | | | | |
| | | 83 | | | | | | | | | |
| | | 84 | | | | | | | | | |
| į | | 85 | | | | | | | | | |
| į | | 86 | | | | | | | | | |
| | | 87 | | | | | | | | | |
| | | 88 | Т | Γ | П | П | | П | | П | |
| | | 89 | Т | Г | | | \Box | | | | |
| | | 90 | | | \vdash | П | Т | | \vdash | | _ |
| | | 91 | | Г | | | | \vdash | | | П |
| | | 92 | | | Г | П | Т | Г | | | |
| | | 93 | | 1 | \vdash | _ | | \vdash | М | Т | |
| ĺ | | 94 | | <u> </u> | Ι. | | | \vdash | | - | |
| | | 95 | _ | t^- | | | | \vdash | | | |
| | | 96 | Ι- | \vdash | \vdash | | <u> </u> | \vdash | Н | | |
| | | 97 | \vdash | i – | \vdash | | \vdash | Ι | Н | Н | <u> </u> |
| | | 98 | _ | \vdash | ┢ | Н | l — | | | \vdash | |
| | | 99 | Н | ┢═ | \vdash | Н | \vdash | \vdash | Н | - | |
| | - | 100 | \vdash | \vdash | \vdash | \vdash | <u> </u> | \vdash | | | |
| | | | | | | | | | | | |

| Cli | | | | [| Date | • | | | | |
|-------|--|--------|---|---|------|---|---|---|---|---|
| | 1 | | | П | | | | | | |
| Final | Original | | | | | | | | | |
| 证 | rig | ŀ | İ | | | | ŀ | | | |
| | | | | | | | | | | |
| | 101 | | | | | | | | | |
| | 101 102 | | | | | Г | | | | |
| | 103 | | | | | Г | | | | |
| | 104 | | | | | | | | | |
| | 103 104 105 | | | | | | | | | |
| | 106 107 | | | | | | | | | |
| | 107 | | | | | | | | | |
| | 108 | | | | | | | | | |
| | 109 | | | | | | | | | |
| | 110 | | | | | | | | | |
| | 111 | | | | | | | | | |
| | 112 | | | | | | | | | |
| | 113 | | | | | | | | | |
| | 114 | | | | | | | | | |
| | 115 | | | | | | | | | |
| | 114 115 116 | | | | | | | | | |
| | 117 118 119 120 | | | | | | | | | |
| | 118 | | | | | | | | | |
| | 119 | | | | | | | | | П |
| | 120 | | | | | | | | | |
| | 1721 | | | | | | | | | П |
| | 122 | | | | | | | | | |
| | 122 123 124 | | | Г | | Г | Г | | Г | П |
| | 124 | | | | | | | | | П |
| | 125 | | | | | | | | | |
| | 126 | | | | | | | | | |
| | 127 | | | | | | | | | |
| | 125 126 127 128 129 130 131 132 | \Box | | | | | | | | П |
| | 129 | | | | | Г | | | | |
| | 130 | | | | | | | | | |
| | 131 | | | | | | | | | П |
| | 132 | Г | | | | | Г | | | |
| | 133 | | | | | | | | | |
| | 133 134 135 | | | | | | | | | |
| | 135 | | | | | | | | | |
| | 136 137 | | | L | | L | | | | |
| | 137 | | L | | | | | | | |
| | 138 | \Box | | | | | | | | |
| | 139 | L | L | L | | | | | | |
| | 140 | | | | | | | | П | П |
| | 141 | | | | | | | | | |
| | 142 | | | | | | | | | |
| | 143 | | | - | | | | Ĭ | | |
| | 144 | | | | | | Ĺ | | | |
| | 145 | | | | | | | | | |
| Г | 146 | | | | | | | | | |
| | 147 | | Π | | | | | | | П |
| | 148 | | | | | | | | | |
| | 149 | | | | | | Π | Г | | П |
| | 150 | Г | П | | | Γ | | | | П |
| | | | | | | • | | _ | | |